

## CD45 (CF-10H5)

### Analyte Specific Reagent (ASR)\*

Type	Number of tests	Volume per test (μL)	Total volume (μL)	Catalog number
FITC	50	5	250	4086012
	100	5	500	4086015

<b>Antigen:</b>	CD45
<b>Immunogen:</b>	IL-2-driven T cell lines from patients' blood with high numbers of gamma delta T cells
<b>Host/Isotype:</b>	Mouse, IgG1, $\kappa$
<b>Reactivity:</b>	Human
<b>Purity:</b>	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
<b>Formulation:</b>	PBS, pH7.2, 0.09% NaN <sub>3</sub> and 0.2% (w/v) BSA
<b>Storage:</b>	Store at 2-8°C and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Applications:</b>	Flow Cytometry.

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### Antigen Information

The CF-10H5 recognizes cell surface glycoprotein antigen having molecular weight 190kDa to 215kDa known as CD45. The CD45 antigen is present on all human leukocytes including lymphocytes, monocytes, granulocytes, eosinophils, and basophils in peripheral blood. The antigen plays important role in signal transduction and modifying signals from other surface molecules.

### References

1. Dalchau R, et al. 1980. *Eur J Immunol.* 10:737.
2. Norwitz E.R, et al. 1992. *Obstet Gynecol.* 80:440.
3. Salter D.M, et al. 1985. *J Pathol.* 146:345.

\*Analyte Specific Reagent. The analytical and performance characteristics of this ASR product are not established.